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Kentucky Public Service Commission

Electric Utility Accident Report

Utility:	Louisville Gas & Electric Company ("LG&E")	
Reported By:	Marty J. Reinert, LG & E Regulatory Compliance	
Accident Occurred:	November 17, 2002	Approximately 9:06 AM
Utility Notified:	November 17, 2002	09:57 AM
PSC Notified:	November 17, 2002	10:00 AM
Investigated:	November 18, 2002	
Written Report:	November 25, 2002	
Accident Location:	2201 River Road, LG&E Beargrass Creek Switching Station, Louisville, KY	
Description of Accident:	<p>Bennie Hudson was injured when the overhead static wire he was removing from pole structure 1-E contacted a three-phase 69 KV transmission line. Hudson was on the ground near pole structure 1-E, using a rope hand line and pulley to lower the static wire. Hudson was in the process of removing the chain hoist and static wire from the hand line when the incident occurred. Hudson does not remember how the accident happened. The static wire was still attached to transmission tower 1-F. It was at this point the static wire either pulled out of its attachment at the top of the tower or broke. The static wire became energized when it fell contacting a three-phase 69 KV line attached to the F-1 transmission tower. Hudson was the foreman at the job site at the time of the accident. A job briefing was held prior to the work beginning that morning. Mickey Grismer, an employee of Electric Service Company LTD and a LG&E contract inspector for this job, had to leave but prior to leaving the job site was said to have told Hudson to ground the lines. This was not done prior to the accident. Hudson was not wearing his rubber gloves and sleeves at the time of the incident. Hudson stated he was told all the lines were dead. The 69 KV line that was involved in this accident was energized and had not been tested or grounded. It was said during this investigation that lines east of pole structure 1-E were cleared to be worked on, but not west of pole structure 1-E.</p>	



Kentucky Public Service Commission

Electric Utility Accident Report

Victim:	Name	Address	Employer
	Bennie Hudson	606 Panorama Street Ferguson, Kentucky	B&B Electric Company, Inc. 1460 Sunshine Lane Lexington, Kentucky
	I n j u r y	Shock and burn. Second and third degree entry wound in right hip area. Exit wound on both little toes.	
Witnesses:	Name	Address	Employer
	James Mullins	3412 Cornwall Drive Lexington, Kentucky	LG & E; Louisville, KY
Information From:	Name	Address	Employer
	Marty Reinert		LG & E; Louisville, KY
	Keith McBride		LG & E; Louisville, KY
	John Dowell		B&B Electric Company, Inc 1460 Sunshine Lane Lexington, Kentucky
Probable Violations:	807 KAR 5:041, Section 3, National Electric Safety Code 1990 Edition		
	Section 42, General-Rules for employees, Rule 420, C. 4., D., H. (C) Safeguarding Oneself and Others. (C4) Employees who work on or in the vicinity of energized lines shall consider all of the effects of their actions, taking into account their own safety as well as the safety of other employees on the job site, or on some other part of the affected electric system, the property of others, and the public in general. (D) Energized or Unknown Conditions. Employees shall consider electric supply equipment and lines to be energized, unless they are positively known to be de-energized. Before		

Kentucky Public Service Commission

Electric Utility Accident Report

starting work, employees shall perform preliminary inspection or tests to determine existing conditions. Operating voltages of equipment and lines should be known before working on or in the vicinity of energized parts.

(H) Tools and Protective Equipment.

Employees shall use the personal protective equipment, the protective devices, and the special tools provided for their work. Before starting work, these devices and tools shall be carefully inspected to make sure they are in good condition.

Section 42, Rule 421, A.1. &2. General Operating Routines.

(A) Duties of a First Level Supervisor or Person in Charge

This individual shall:

(1) Adopt such precautions as are within this individual's authority to prevent accidents.

(2) See that the safety rules and operating procedures are observed by the employees under the direction of this individual.

807 KAR 5:006, Section 24, Safety Program. Each utility shall adopt and execute a safety program, appropriate to the size and type of its operations.

(1) Establish a safety manual with written guidelines for safe working practices and procedures to be followed by utility employees.

LG&E Energy HEALTH & SAFETY Manual

A. GENERAL RULES

A.2. Individual Responsibility

A.2.1. It is the responsibility of each employee to perform assigned duties to assure:

a. Safety to himself or herself.

A.3.1. Supervisors shall be responsible for the safety of the employees working under their direction and for the safety of the general public in connection with their work. The authority and responsibility for the action necessary to prevent accidents is an integral part of the supervisor's job

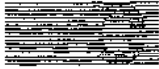


Kentucky Public Service Commission

Electric Utility Accident Report

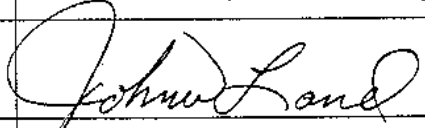
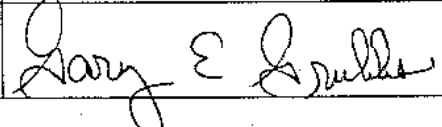
B. POWER GENERATION B.18 High & Low Circuits and Equipment B.18.1 Before beginning work on any electrical system or equipment: a. A visible break shall be provided or b. The system must be isolated according to accepted lockout/tagout procedures. c. A voltage test shall be conducted. Note: Always verify proper operation of the testing equipment and its leads. d. The equipment shall be grounded when applicable.					
Line Clearances At Point of Accident:	Measured	Minimum Allowed by NESC	Applicable NESC Edition ¹ 1990	Voltage	Construct Date
A Phase 138kv on Tower to Ground Elevation:	100'	26'	1990 EDITION	138kv	Unknown
B Phase 138kv on Tower to Ground Elevation:	91'	26'	1990 EDITION	138kv	Unknown
C Phase 138kv on Tower to Ground Elevation:	79'	26'	1990 EDITION	138kv	Unknown
A Phase 69kv on Tower to Ground Elevation:	65'	26'	1990 EDITION	69kv	Unknown

¹ Current edition adopted by the Commission. If clearances were not in compliance with the current edition, then the edition in effect when the facilities were last constructed or modified would apply.

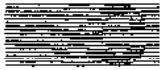


Kentucky Public Service Commission

Electric Utility Accident Report

B Phase 69kv on Tower to Ground Elevation:	65'	26'	1990 EDITION	69kv	Unknown
C Phase 69kv on Tower to Ground Elevation:	55'	26'	1990 EDITION	69kv	Unknown
Pole to Tower Leg:	210'	N/A	N/A	N/A	Unknown
Tower Height/Static Wire to Ground Elevation:	110'	N/A	N/A	N/A	Unknown
Measurement Date:	November 17, 2002				
Approximate Temp	36° and cloudy				
Measurements Made By	Bill Brown, A Lineman, Pike Electric Company, supervised by David Byrd, Team Leader, LG&E AOC. Measurements furnished by Keith McBride, Investigator for LG&E.				
Investigated By	John Land, Utility Investigator Electric Branch, Division of Engineering				
Signed				Date	1/13/03
Reviewed By	Gary E. Grubbs, PE, Manager Electric Branch, Division of Engineering				
Signed				Date	1/13/03

Attachments: A. LG & E Accident Report
B. Photographs of Accident Site



Kentucky Public Service Commission

Electric Utility Accident Report

Attachment A

Accident Report

Attachment A

LG & E Internal Accident Report



Marty J. Reinert
Regulatory Analyst II
Regulatory Compliance

LG&E Energy Corp.
220 West Main Street (40202)
P. O. Box 32010
Louisville, Kentucky 40232
502-627-4173
502-627-3213 FAX

November 22, 2002

RECEIVED
NOV 23 2002
DIVISION OF UTILITY
ENGINEERING & SERVICE

Mr. Gary Grubbs, Manager
Kentucky Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, KY 40602

**RE: Contractor Shock and Burn
LG&E Beargrass Creek Switching Station
Louisville, KY**

Dear Mr. Grubbs:

Attached is an "Investigation Report" on the above incident which was prepared by Keith McBride. This is in compliance with the seven-day reporting requirement.

Also attached are: Photographs, B & B's Incident Report, LG&E's Outage Logs from 11/15 to 11/18, Requests for Shut-down, and Disturbance Reports.

B & B's Safety Manual and a print of the system will follow in the coming weeks.

If you need additional information concerning this incident, please feel free to contact me at (502) 627-4173.

Sincerely,

Marty J. Reinert
Regulatory Compliance

Attachments

INVESTIGATION REPORT

Electrical Contact

Type of Report

02-E-043

Report Number

Keith McBride

Investigator

November 17, 2002

Date of Incident

Reference: Electrical Contact / Shock and Burn

Location: 2201 River Road
LG&E Beargrass Creek Switching Sta.
Louisville, Kentucky 40206

Case Summary

On November 17, 2002 at approximately 9:06am, Bennie Hudson, an employee of B&B Electric Company Inc., received a shock and burn while working on an LG&E transmission line. I notified Marty Reinert of LG&E's Regulatory Compliance and he in turn notified the Kentucky Public Service Commission.

Investigation

On November 17, 2002 B&B Electric Company Inc. crews, working for LG&E, were replacing the static wire on the transmission system located outside of the Beargrass Switching Station on River Road. The static wire was being replaced with a new fiber optic ground (FOG) running from structure 1-E which is a steel pole to structure 1-F which is a steel tower.

The static wire being replaced was disconnected at the pole and was being let down using a rope hand line and pulley. The hand line was being operated from the ground. The static line being replaced was still connected to the tower (structure 1-F). Mr. Hudson was on the ground and was to release the old static from the rope hand line. When the static wire was on the ground Mr. Hudson approached the static wire and removed a chain jack that was also on the end of the rope. As Mr. Hudson was taking the old static wire off of the rope it appears that the other end that was connected at the top of the tower (structure 1-F), either broke at the connection shoe or came loose at the connection and fell.

As the end of the static wire being replaced fell, it made contact with an energized 69KV line that was on the tower. This energized the static wire. It appears that Mr. Hudson at that time came into contact with the energized static wire. Mr. Hudson received a shock and entry burn to his right side in the hip area. The exit points were each located on the fifth digit (small toe) of each foot.

911 was notified immediately and Mr. Hudson was transported to University of Louisville Hospital via Louisville Fire / EMS. Mr. Hudson was admitted to the hospital that day and the next day (Monday 11/18/2002) underwent a minor operation to his right side where there was a small (approximately quarter sized) third degree burn. He was released after the operation that evening.

There were nine people on the job site when the incident occurred. Of the eight witnesses other than Mr. Hudson, all but one stated that they were in a position that they heard, but did not see the actual shock take place.

James Mullins, an employee of Electric Service Company LTD, stated that he saw the electric arc occur. Mr. Mullins stated that there was a lot of fire at the tower and that after Mr. Hudson received the shock he just fell over.

According to witnesses, after a brief moment, Mr. Hudson sat up. By then all of the crew members rushed over to Mr. Hudson and carried him to the truck that was near by and waited for EMS to arrive.

Inspection of the static wire that was being replaced has found that only the end of the wire has been damaged by an electrical arc. This has led to the assumption that the static wire came out of or broke at the connection shoe on the top of the tower. There were no other marks on the old static wire. Based on current information, it is not possible to conclusively rule out that the static wire was lowered into contact with the 69KV line before falling.

Once on scene, I found that there were no protective grounds on the 69KV circuit that was located on the tower. All personnel interviewed corroborated that there had been no testing nor grounding of the 69KV circuit.

I spoke with Mickey Grissmer, also an employee of Electric Service Company LTD. Mr. Grissmer is the LG&E contract inspector for this job. He stated that the B&B crews were in the process of testing another 69KV circuit located on the pole (structure 1-E) when it became necessary for him to leave the job site. Mr. Grissmer stated that prior to leaving he told Mr. Hudson to place grounds on those lines. The scope of the job was to replace the static wire from the pole (structure 1-E) going east. The tower (structure 1-F) is to the west of the pole. While Mr. Grissmer was away from the job site the incident occurred. B&B was found to be

working outside of the scope of work that had been discussed during the job briefing that morning. By doing this, they failed to properly test and ground. Photographs and measurements were taken that day.

I have not been able to interview two of the personnel that were on scene, Ronnie Barnes of B&B Electric Company Inc., who was the lead Supervisor over the job and Mr. Hudson, the person injured as described above. Mr. Barnes has been unavailable since the incident. Mr. Hudson has not been available due to living outside the Louisville area. When these interviews are conducted, the information found will be shared with the KPSC Investigator.

B&B Electric Company Inc.
1460 Sunshine Lane
Lexington, Kentucky 40505 2910
(859) 252-5604

Ron Barnes – B&B Supervisor (unavailable at this time)
DOB – 7/9/41
Hire date – 6/27/94

Bennie Hudson – Injured B&B Supervisor
606 Panarama Street
Furgason, Kentucky 42533
(606) 678-8075
DOB – 8/29/44
Hire date – 12/17/69

Jeff Cook	Working at tower east of the pole. Indicated he did not
2657 Mable Lane	see the incident.
Lexington, Kentucky	
(859) 389-8041	

Jim Baker	Working at pole with back to incident. Indicated he did
8350 Graham Road	not see incident.
Olive Hill, Kentucky 41164	
(606) 286-5109	

Dewayne Barber	Working on tower east of pole. Indicated he did not see
2875 Evemans Creek	the incident.
Grayson, Kentucky 41143	

John Probst Working on tower east of pole. Indicated he did
9602 Cedar Lake Drive not see the incident.
Louisville, Kentucky 40291
(502) 231-8099

Keith Reynolds Working on pole. Indicated he did not see the incident.
1184 Menix Road
Olive Hill, Kentucky 41164
(606) 286-6040

Jimmy Rhodes Operating hand line. Back to incident. Indicated
4739 Todd's Road he did not see Incident.
Lexington, Kentucky
(859) 263-4762

John Dowdell – B&B Safety Specialist
(859) 252-5604

William (Bill) Hatfield – B&B Utility Division Manager
(859) 252-5604

Electric Service Company Ltd.
9740 McCowans Ferry Road
Versailles, Kentucky 40383

James Mullins – Electric Service Company Ltd (witness)
3412 Cornwall Drive
Lexington, Kentucky 40503

Mickey Grismer – Electric Service Company Ltd – Inspector for job
714 Stivers Road
Louisville, Kentucky 40207
Office – (502) 333-1871

Weather – 36 degrees / cloudy

Circuit – 6622 – 69KV

Measurements :

Tower height / static to earth - 110ft

Pole to tower leg - 210ft

A phase 138kv on tower - 100ft to earth

B phase 138kv on tower to earth - 91ft

C phase 138kv on tower to earth 79ft

A phase 69kv on tower to earth - 65ft

B phase 69kv on tower to earth - 65ft

C phase 69kv on tower to earth - 55ft

Measurements taken by Bill Brown - A Lineman, Pike Electric Co.
Supervised by David Byrd - Team Leader, LG&E AOC

Included in report :

Photographs

Print of system

B&B incident report

B&B Safety manual

Accident investigation report
Beargrass -Northside 138kV OPGW Installation for Insight Communications
LG&E Project # 114159

Accident date/time: 11/17/02 @ approximately 0906 hours
Report date: 11/19/02
Investigation start date: 11/17/02
Employee/Supervisor/Injured person:
Bennie Hudson
DOB: 8/29/44
DOH: 12/17/69
Foreman
Witness:
Rounie Barnes
DOB: 7/09/41
DOH: 06/27/24
Foreman
Time employee began work: 0700
Number of consecutive days worked: 2 days
Equipment in use at time of accident: handline, chain hoist
Extent of injury:
Entry wound - 3rd degree burn about the size of a quarter to right hip
Exit wound(s): pinhole burn to bilateral 5th metatarsals
OSHA recordable: Yes, loss time injury, approx. 4 days

Narrative

Work began @ 0700 on Sunday 11/17/02 with a daily job safety assessment in which the B+B field supervisor conveyed to his crew that all lines on the north side of structure 1F were de-energized. The work to be accomplished that day involved pulling in new fiber optic cable from structure #1E to structure # 5. The new fiber was connected to the old static line @ structure #1E, and was ready to be pulled in. Lines 3002 & 3003 were de-energized, tested, and grounded. While the bucket truck was set up at structure #1E it was decided to lower the static wire between structure #1E and structure #1F with the old static wire still connected to structure # 1F. With one end of the old static wire on the ground, the employee removed the handline, and the chain hoist from the other end. At this time the old static wire either snapped off or slipped out of the shoe on structure 1F. It fell across the upper de-energized line, and onto the lower energized line causing a phase to ground arc that contacted the employee at the right hip.

Investigation and Analysis

Equipment

Improper use - B+B Electric disregarded testing and installing grounds at structure 1F.

Work Environment

Hazardous recognition - B+B Electric did not recognize the energized line.
Weather conditions were 36 degrees and cloudy, damp, wet ground.

Worker/Job Procedure

JSA deviation - B+B Electric's work envelope was from structure 1E eastward to structure 5. By lowering the static wire from structure 1E westward to structure 1F we went outside our scope of work for that day as discussed by crew that morning.

Management Systems

Hazardous Control – Lines were not de-energized by customer contrary to customers' communication with crew as per CFR 1910.269(m)(3). Crew did not verify lines were in fact de-energized as per CFR 1910.269(m)(3)(v), and B+B Safety Manual, section 5.3.1 rule 10.
Incomplete controls – CFR 1910.269(m)(3) not followed by customer and B+B Electric.

Findings and Causes

- All lines on the north side of structure 1F were not de-energized as communicated.
- Working outside scope of work, by working west of structure 1E.
- Lines on structure 1F were not verified as de-energized.
- Grounds not installed at structure 1F.

Recommendations

I recommend same revisions as recommended on corrective plan.

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- B+B Electric will conduct retraining in CFR 1910.269(m) *Deenergizing lines and equipment for employee protection* for its entire Utility Division.
- B+B Electric will conduct retraining in the proper use of the Daily JSA to ensure the employees do not work outside of the planned scope of work.
- B+B Electric field supervision will communicate directly with responsible person in charge as designated by Customer for all line outages, and will follow all of the requirements as outlined in CFR 1910.269(m)(3) in the order given.
- As outlined in CFR 1910.269(m), B+B Electric will verify each circuit that should be de-energized by the use of certified testing instrument.
- When circuit is verified to be de-energized a standard grounding practice will be applied and installed for each circuit.

Other significant findings:

- On the day of the accident, B+B Electric's crew was not following their daily JSA; specifically a crewmember did not have his hardhat on the jobsite. B+B Electric is continuing our investigation in this matter, and disciplinary action will follow.

Attachments:

Print: jobsite overview

Photos:

- Jobsite overview
- Structure 1E photo
- Structure 1F photo
- Shoe on structure 1F

LG&E Energy Services

Western Regional Transmission Center

Transmission Log: 11/15/2002 to 11-18-2002

Log Types Included: ALL

LOG #	DATE	TIME	DISPI	TYPE	ENTRY
11563	11/15/2002	0:27	JFG	MIN	MINOR ALARM: INTERNATIONAL-
11562	11/15/2002	1:02	JFG	MIN	MINOR ALARM: WATTERSON-
11564	11/15/2002	1:05	JFG	MIN	MINOR ALARM: FERN VALLEY-
11565	11/15/2002	6:49	REK	MIN	MINOR ALARM: LYNDON
11566	11/15/2002	6:49	REK	MIN	MINOR ALARM: MIDDLETOWN 138KV
11574	11/15/2002	7:10	REK	MIN	MINOR ALARM: APPLIANCE PARK
11568	11/15/2002	7:19	RLG	CLR	CLEARANCE RELEASED LINE REQUEST 2002-KU-18 TO LOAD DISP. FOR SWITCHES: BG-3882 COUPLING CAP (BEARGRASS SWITCHING) BG-3882 TFR (BEARGRASS SWITCHING) BG-882 LINE (BEARGRASS SWITCHING) BG-882 BUS (BEARGRASS SWITCHING)
11570	11/15/2002	7:19	RLG	CLR	CLEARANCE RELEASED LINE REQUEST 2002-KU-18 TO LOAD DISP. FOR SWITCHES: NS-3882 COUPLING CAPS (NORTHSIDE) NS-3882 EMERG TFR (NORTHSIDE) NS-882 BUS (NORTHSIDE) NS-882 LINE (NORTHSIDE)
11575	11/15/2002	8:24	REK	MIN	MINOR ALARM: FORD
11571	11/15/2002	8:48	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-699 TO LOAD DISP FOR SWITCHES: PW-345KV TR 1-4533 TIE (PADDYS WEST) PW-828 LINE TIE (PADDYS WEST) PW-138KV TR 1 TRANS TIE (PADDYS WEST) PW-138KV TR 1 TRANS (PADDYS WEST) PW-802 LINE (PADDYS WEST) PW-14KV STA SER NO1 FUSES (PADDYS WEST)
11572	11/15/2002	8:50	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-707 TO LOAD DISP FOR SWITCHES: AS-14KV TR 4 (ASHBOTTOM)
11573	11/15/2002	8:56	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-708 TO LOAD DISP FOR SWITCHES: AS-1420 (ASHBOTTOM)
11585	11/15/2002	10:00	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-699 TO LYNN HOYT FOR SWITCHES: PW-345KV TR 1-4533 TIE (PADDYS WEST) PW-828 LINE TIE (PADDYS WEST) PW-138KV TR 1 TRANS TIE (PADDYS WEST) PW-138KV TR 1 TRANS (PADDYS WEST) PW-802 LINE (PADDYS WEST) PW-14KV STA SER NO1 FUSES (PADDYS WEST)
11579	11/15/2002	10:45	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-673 TO KENNY FLOORE FOR SWITCHES: PW-533 LINE TIE (PADDYS WEST) MC-503 LINE TIE (MILL CREEK) MC-533 BUS (MILL CREEK) MC-533 LINE (MILL CREEK)
11580	11/15/2002	10:45	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-673 TO LOAD DISP FOR SWITCHES: PW-533 LINE TIE (PADDYS WEST) MC-503 LINE TIE (MILL CREEK) MC-533 BUS (MILL CREEK) MC-533 LINE (MILL CREEK)
11577	11/15/2002	10:47	REK	CLR	CLEARANCE ISSUED LINE REQUEST E-146 TO BILL BAUM FOR SWITCHES: LOOP DISC 856-3 (LINE 3856)
11576	11/15/2002	10:55	REK	CLR	CLEARANCE ISSUED LINE REQUEST E-146 TO ROY MONTFORT FOR SWITCHES: LOOP DISC 856-3 (LINE 3856)
11578	11/15/2002	11:02	REK	CLR	CLEARANCE ISSUED LINE REQUEST E-146 TO LOAD DISP FOR SWITCHES: LOOP DISC 856-3 (LINE 3856)

LOG #	DATE	TIME	DISPI	TYPE	ENTRY
11581	11/15/2002	11:12	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-709 TO LOAD DISP FOR SWITCHES: AS-1418 (ASHBOTTOM)
11582	11/15/2002	11:13	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-710 TO LOAD DISP FOR SWITCHES: AS-1417 (ASHBOTTOM)
11583	11/15/2002	11:18	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-673 TO KENNY FLOORE FOR SWITCHES: PW-533 LINE TIE (PADDYS WEST) MC-503 LINE TIE (MILL CREEK) MC-533 BUS (MILL CREEK) MC-533 LINE (MILL CREEK)
11584	11/15/2002	11:18	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-673 TO LOAD DISP FOR SWITCHES: PW-533 LINE TIE (PADDYS WEST) MC-503 LINE TIE (MILL CREEK) MC-533 BUS (MILL CREEK) MC-533 LINE (MILL CREEK)
11586	11/15/2002	12:15	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-699 TO LOAD DISP FOR SWITCHES: PW-345KV TR 1-4533 TIE (PADDYS WEST) PW-828 LINE TIE (PADDYS WEST) PW-138KV TR 1 TRANS TIE (PADDYS WEST) PW-138KV TR 1 TRANS (PADDYS WEST) PW-802 LINE (PADDYS WEST) PW-14KV STA SER NO1 FUSES (PADDYS WEST)
11587	11/15/2002	12:15	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-699 TO LYNN HOYT FOR SWITCHES: PW-345KV TR 1-4533 TIE (PADDYS WEST) PW-828 LINE TIE (PADDYS WEST) PW-138KV TR 1 TRANS TIE (PADDYS WEST) PW-138KV TR 1 TRANS (PADDYS WEST) PW-802 LINE (PADDYS WEST) PW-14KV STA SER NO1 FUSES (PADDYS WEST)
11588	11/15/2002	12:30	REK	MAJ	MAJOR ALARM: PADDYS WEST --- PW-3828-TR-1 TIE LEAKING AIR --- TURNED OVER TO LYNN HOYT (MAINT)
11589	11/15/2002	12:59	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-707 TO WENTWORTH FOR SWITCHES: AS-14KV TR 4 (ASHBOTTOM)
11592	11/15/2002	12:59	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-710 TO WENTWORTH FOR SWITCHES: AS-1417 (ASHBOTTOM)
11591	11/15/2002	12:59	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-709 TO WENTWORTH FOR SWITCHES: AS-1418 (ASHBOTTOM)
11590	11/15/2002	12:59	REK	CLR	CLEARANCE ISSUED LINE REQUEST 2002-SS-708 TO WENTWORTH FOR SWITCHES: AS-1420 (ASHBOTTOM)
11593	11/15/2002	14:22	REK	MAJ	MAJOR ALARM: HARMONY LANDING
11594	11/15/2002	17:55	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-710 TO LOAD DISP FOR SWITCHES: AS-1417 (ASHBOTTOM)
11595	11/15/2002	17:55	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-710 TO WENTWORTH FOR SWITCHES: AS-1417 (ASHBOTTOM)
11596	11/15/2002	17:56	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-709 TO LOAD DISP FOR SWITCHES: AS-1418 (ASHBOTTOM)
11597	11/15/2002	17:56	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-709 TO WENTWORTH FOR SWITCHES: AS-1418 (ASHBOTTOM)
11598	11/15/2002	17:57	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-708 TO LOAD DISP FOR SWITCHES: AS-1420 (ASHBOTTOM)
11599	11/15/2002	17:57	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-708 TO WENTWORTH FOR SWITCHES: AS-1420 (ASHBOTTOM)
11600	11/15/2002	17:59	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-707 TO LOAD DISP FOR SWITCHES: AS-14KV TR 4 (ASHBOTTOM)
11601	11/15/2002	17:59	REK	CLR	CLEARANCE RELEASED LINE REQUEST 2002-SS-707 TO WENTWORTH FOR SWITCHES: AS-14KV TR 4 (ASHBOTTOM)

LOG #	DATE	TIME	DISP	TYPE	ENTRY
11602	11/15/2002	23:56	RLG	MIN	MINOR ALARM: HARRODS CREEK
11603	11/16/2002	0:14	RLG	MISC	MISC COMMENT: SEMINOLE TR.4 TAPS GOING FROM AUTO TO MANUAL CONTINUOUSLY.PUT A SCAN INHABIT ON POINT.
11605	11/16/2002	6:36	SCE	MAJ	PADDYS RUN-TR 2 ALARMS;LOW LIQUID LEVEL TAP CHANGER; WOULD NOT RESET; ISOLATED @ TRANSFORMER
11606	11/16/2002	6:47	SCE	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-18 TO LOAD DISP FOR SWITCHES: BG-882 BUS (BEARGRASS SWITCHING) BG-882 LINE (BEARGRASS SWITCHING) BG-3882 TFR (BEARGRASS SWITCHING) BG-3882 COUPLING CAP (BEARGRASS SWITCHING)
11607	11/16/2002	7:22	SCE	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-18 TO LOAD DISP FOR SWITCHES: NS-882 BUS (NORTHSIDE) NS-882 LINE (NORTHSIDE) NS-3882 EMERG TFR (NORTHSIDE) NS-3882 COUPLING CAPS (NORTHSIDE)
11608	11/16/2002	7:23	SCE	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-18 TO MICKEY GRISMER FOR SWITCHES: NS-882 BUS (NORTHSIDE) NS-882 LINE (NORTHSIDE) NS-3882 EMERG TFR (NORTHSIDE) NS-3882 COUPLING CAPS (NORTHSIDE)
11609	11/16/2002	7:24	SCE	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-18 TO MICKEY GRISMER FOR SWITCHES: BG-882 BUS (BEARGRASS SWITCHING) BG-882 LINE (BEARGRASS SWITCHING) BG-3882 TFR (BEARGRASS SWITCHING) BG-3882 COUPLING CAP (BEARGRASS SWITCHING)
11610	11/16/2002	9:06	SCE	CLR	CLEARANCE ISSUED LINE REQUEST E-147 TO LYNN HOYT FOR SWITCHES: PW-828 LINE TIE (PADDYS WEST)
11611	11/16/2002	9:06	SCE	CLR	CLEARANCE ISSUED LINE REQUEST E-147 TO LOAD DISP FOR SWITCHES: PW-828 LINE TIE (PADDYS WEST)
11612	11/16/2002	13:05	SCE	CLR	CLEARANCE RELEASED ON LINE REQUEST E-147 BY LYNN HOYT FOR SWITCHES: PW-828 LINE TIE (PADDYS WEST) PW-138KV TR 1 TRANS TIE (PADDYS WEST)
11613	11/16/2002	13:06	SCE	CLR	CLEARANCE RELEASED ON LINE REQUEST E-147 BY LOAD DISP FOR SWITCHES: PW-828 LINE TIE (PADDYS WEST) PW-138KV TR 1 TRANS TIE (PADDYS WEST)
11615	11/16/2002	19:32	RLG	MISC	MISC COMMENT: CANE RUN GENERATOR 5 ON LINE AT 19:29
11618	11/16/2002	23:41	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-19 TO MICKEY GRISMER FOR SWITCHES: WS-863 BUS (WATERSIDE) WS-863 LINE (WATERSIDE) WS-3862-63 EMERG TIE (WATERSIDE)
11616	11/16/2002	23:41	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-19 TO MICKEY GRISMER FOR SWITCHES: BG-863 BUS (BEARGRASS SWITCHING) BG-863 LINE (BEARGRASS SWITCHING) BG-3863 TFR (BEARGRASS SWITCHING)
11617	11/16/2002	23:41	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-19 TO LOAD DISP FOR SWITCHES: BG-863 BUS (BEARGRASS SWITCHING) BG-863 LINE (BEARGRASS SWITCHING) BG-3863 TFR (BEARGRASS SWITCHING)
11619	11/16/2002	23:42	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-19 TO LOAD DISP FOR SWITCHES: WS-863 BUS (WATERSIDE) WS-863 LINE (WATERSIDE) WS-3862-63 EMERG TIE (WATERSIDE)
11620	11/16/2002	23:42	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-46 TO MICKEY GRISMER FOR SWITCHES: WS-862 BUS (WATERSIDE) WS-862 LINE (WATERSIDE) WS-3862-63 EMERG TIE (WATERSIDE)
11621	11/16/2002	23:42	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-46 TO LOAD DISP FOR SWITCHES: WS-862 BUS (WATERSIDE) WS-862 LINE (WATERSIDE) WS-3862-63 EMERG TIE (WATERSIDE)

LOG #	DATE	TIME	DISPI	TYPE	ENTRY
11622	11/16/2002	23:43	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-46 TO MICKEY GRISMER FOR SWITCHES: BG-862 BUS (BEARGRASS SWITCHING) BG-862 LINE (BEARGRASS SWITCHING) BG-3862 TFR (BEARGRASS SWITCHING)
11623	11/16/2002	23:43	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-46 TO LOAD DISP FOR SWITCHES: BG-862 BUS (BEARGRASS SWITCHING) BG-862 LINE (BEARGRASS SWITCHING) BG-3862 TFR (BEARGRASS SWITCHING)
11624	11/16/2002	23:43	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-62 TO MICKEY GRISMER FOR SWITCHES: MD-623 BUS (MADISON) MD-623 LINE (MADISON) MD-6623 BYPASS (MADISON)
11625	11/16/2002	23:43	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-62 TO LOAD DISP FOR SWITCHES: MD-623 BUS (MADISON) MD-623 LINE (MADISON) MD-6623 BYPASS (MADISON)
11629	11/16/2002	23:44	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-63 TO LOAD DISP FOR SWITCHES: BP-656 (BEARGRASS PUMPING)
11626	11/16/2002	23:44	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-62 TO MICKEY GRISMER FOR SWITCHES: BG-623 BUS (BEARGRASS SWITCHING) BG-623 LINE (BEARGRASS SWITCHING) BG-6623 TFR (BEARGRASS SWITCHING)
11627	11/16/2002	23:44	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-62 TO LOAD DISP FOR SWITCHES: BG-623 BUS (BEARGRASS SWITCHING) BG-623 LINE (BEARGRASS SWITCHING) BG-6623 TFR (BEARGRASS SWITCHING)
11628	11/16/2002	23:44	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-63 TO MICKEY GRISMER FOR SWITCHES: BP-656 (BEARGRASS PUMPING)
11633	11/16/2002	23:45	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-55 TO LOAD DISP FOR SWITCHES: BG-651 BUS (BEARGRASS SWITCHING) BG-651 LINE (BEARGRASS SWITCHING) BG-6651 TFR (BEARGRASS SWITCHING)
11632	11/16/2002	23:45	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-55 TO MICKEY GRISMER FOR SWITCHES: BG-651 BUS (BEARGRASS SWITCHING) BG-651 LINE (BEARGRASS SWITCHING) BG-6651 TFR (BEARGRASS SWITCHING)
11630	11/16/2002	23:45	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-63 TO MICKEY GRISMER FOR SWITCHES: BG-656 BUS (BEARGRASS SWITCHING) BG-656 LINE (BEARGRASS SWITCHING) BG-6656 TFR (BEARGRASS SWITCHING)
11631	11/16/2002	23:45	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-63 TO LOAD DISP FOR SWITCHES: BG-656 BUS (BEARGRASS SWITCHING) BG-656 LINE (BEARGRASS SWITCHING) BG-6656 TFR (BEARGRASS SWITCHING)
11634	11/16/2002	23:47	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-55 TO MICKEY GRISMER FOR SWITCHES: RS-651-3 (LINE 6651)
11635	11/16/2002	23:47	RLG	CLR	CLEARANCE ISSUED LINE REQUEST 2002-KU-55 TO LOAD DISP FOR SWITCHES: RS-651-3 (LINE 6651)
11636	11/16/2002	23:51	RLG	MISC	MISC COMMENT: CAME RIN GENERATOR 6 OFFLINE AT 23:38 PLANNED SHUT DOWN.
11637	11/17/2002	9:49	SCE	CLR	CLEARANCE ISSUED LINE REQUEST 02-TCCT-05 TO LOAD DISP FOR SWITCHES: TC-345KV TCT-TR.5 LINE (TRIMBLE CO)
11638	11/17/2002	9:51	SCE	CLR	CLEARANCE ISSUED LINE REQUEST 02-TCCT-05 TO JEFF SLOCUM FOR SWITCHES: TC-345KV TCT-TR.5 LINE (TRIMBLE CO)
11642	11/17/2002	16:39	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-55 BY LOAD DISP FOR SWITCHES: TA-651 BUS (TAYLOR) TA-651 LINE (TAYLOR) TA-6651 BYPASS (TAYLOR)

LOG #	DATE	TIME	DISPI	TYPE	ENTRY
11644	11/17/2002	16:39	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-55 BY LOAD DISP FOR SWITCHES: BG-651 BUS (BEARGRASS SWITCHING) BG-651 LINE (BEARGRASS SWITCHING) BG-6651 TFR (BEARGRASS SWITCHING)
11643	11/17/2002	16:39	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-55 BY MICKEY GRISMER FOR SWITCHES: BG-651 BUS (BEARGRASS SWITCHING) BG-651 LINE (BEARGRASS SWITCHING) BG-6651 TFR (BEARGRASS SWITCHING)
11640	11/17/2002	16:39	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-55 BY LOAD DISP FOR SWITCHES: RS-651-3 (LINE 6651)
11639	11/17/2002	16:39	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-55 BY MICKEY GRISMER FOR SWITCHES: RS-651-3 (LINE 6651)
11641	11/17/2002	16:39	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-55 BY MICKEY GRISMER FOR SWITCHES: TA-651 BUS (TAYLOR) TA-651 LINE (TAYLOR) TA-6651 BYPASS (TAYLOR)
11645	11/17/2002	16:39	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-63 BY MICKEY GRISMER FOR SWITCHES: BG-656 BUS (BEARGRASS SWITCHING) BG-656 LINE (BEARGRASS SWITCHING) BG-6656 TFR (BEARGRASS SWITCHING)
11646	11/17/2002	16:40	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-63 BY LOAD DISP FOR SWITCHES: BG-656 BUS (BEARGRASS SWITCHING) BG-656 LINE (BEARGRASS SWITCHING) BG-6656 TFR (BEARGRASS SWITCHING)
11647	11/17/2002	16:40	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-63 BY MICKEY GRISMER FOR SWITCHES: BP-656 (BEARGRASS PUMPING)
11648	11/17/2002	16:40	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-63 BY LOAD DISP FOR SWITCHES: BP-656 (BEARGRASS PUMPING)
11649	11/17/2002	16:40	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-62 BY MICKEY GRISMER FOR SWITCHES: BG-623 BUS (BEARGRASS SWITCHING) BG-623 LINE (BEARGRASS SWITCHING) BG-6623 TFR (BEARGRASS SWITCHING)
11650	11/17/2002	16:40	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-62 BY LOAD DISP FOR SWITCHES: BG-623 BUS (BEARGRASS SWITCHING) BG-623 LINE (BEARGRASS SWITCHING) BG-6623 TFR (BEARGRASS SWITCHING)
11651	11/17/2002	16:40	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-62 BY MICKEY GRISMER FOR SWITCHES: MD-623 BUS (MADISON) MD-623 LINE (MADISON) MD-6623 BYPASS (MADISON)
11652	11/17/2002	16:40	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-62 BY LOAD DISP FOR SWITCHES: MD-623 BUS (MADISON) MD-623 LINE (MADISON) MD-6623 BYPASS (MADISON)
11655	11/17/2002	16:41	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-46 BY MICKEY GRISMER FOR SWITCHES: WS-862 BUS (WATERSIDE) WS-862 LINE (WATERSIDE) WS-3862-63 EMERG TIE (WATERSIDE)
11660	11/17/2002	16:41	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-19 BY LOAD DISP FOR SWITCHES: BG-863 BUS (BEARGRASS SWITCHING) BG-863 LINE (BEARGRASS SWITCHING) BG-3863 TFR (BEARGRASS SWITCHING)
11659	11/17/2002	16:41	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-19 BY MICKEY GRISMER FOR SWITCHES: BG-863 BUS (BEARGRASS SWITCHING) BG-863 LINE (BEARGRASS SWITCHING) BG-3863 TFR (BEARGRASS SWITCHING)

LOG #	DATE	TIME	DISP	TYPE	ENTRY
11658	11/17/2002	16:41	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-19 BY LOAD DISP FOR SWITCHES: WS-863 BUS (WATERSIDE) WS-863 LINE (WATERSIDE) WS-3862-63 EMERG TIE (WATERSIDE)
11656	11/17/2002	16:41	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-46 BY LOAD DISP FOR SWITCHES: WS-862 BUS (WATERSIDE) WS-862 LINE (WATERSIDE) WS-3862-63 EMERG TIE (WATERSIDE)
11654	11/17/2002	16:41	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-46 BY LOAD DISP FOR SWITCHES: BG-862 BUS (BEARGRASS SWITCHING) BG-862 LINE (BEARGRASS SWITCHING) BG-3862 TFR (BEARGRASS SWITCHING)
11653	11/17/2002	16:41	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-46 BY MICKEY GRISMER FOR SWITCHES: BG-862 BUS (BEARGRASS SWITCHING) BG-862 LINE (BEARGRASS SWITCHING) BG-3862 TFR (BEARGRASS SWITCHING)
11657	11/17/2002	16:41	RLG	CLR	CLEARANCE RELEASED ON LINE REQUEST 2002-KU-19 BY MICKEY GRISMER FOR SWITCHES: WS-863 BUS (WATERSIDE) WS-863 LINE (WATERSIDE) WS-3862-63 EMERG TIE (WATERSIDE)
11661	11/17/2002	17:45	REK	CLR	CLEARANCE RELEASED LINE REQUEST E-146 TO BILL BAUM FOR SWITCHES: LOOP DISC 856-3 (LINE 3856)
11662	11/17/2002	17:45	REK	CLR	CLEARANCE RELEASED LINE REQUEST E-146 TO ROY MONTFORT FOR SWITCHES: LOOP DISC 856-3 (LINE 3856)
11663	11/17/2002	17:45	REK	CLR	CLEARANCE RELEASED LINE REQUEST E-146 TO LOAD DISP FOR SWITCHES: LOOP DISC 856-3 (LINE 3856)
11664	11/17/2002	18:05	REK	CLR	CLEARANCE RELEASED LINE REQUEST E-146 TO BAUM FOR SWITCHES: TT-856 BUS (TIP TOP) TT-856 LINE (TIP TOP) TT-3856 EMERG TFR (TIP TOP) TT-3856 COUPLING CAP (TIP TOP)
11665	11/17/2002	18:14	REK	CLR	CLEARANCE RELEASED LINE REQUEST E-146 TO ROY MONTFORT FOR SWITCHES: TT-856 BUS (TIP TOP) TT-856 LINE (TIP TOP) TT-3856 EMERG TFR (TIP TOP) TT-3856 COUPLING CAP (TIP TOP)
11666	11/17/2002	18:14	REK	CLR	CLEARANCE RELEASED LINE REQUEST E-146 TO LOAD DISP FOR SWITCHES: TT-856 BUS (TIP TOP) TT-856 LINE (TIP TOP) TT-3856 EMERG TFR (TIP TOP) TT-3856 COUPLING CAP (TIP TOP)
11667	11/17/2002	20:54	RLG	MISC	MISC COMMENT: WATERSIDE SECTION 2 UPPER BUS VOLTAGE READING 110 VOLTS. ALL OTHERS SECTIONS ARE NORMAL.
11668	11/17/2002	20:57	RLG	MAJ	MAJOR ALARM: MILL CREEK
11669	11/18/2002	3:59	RLG	MISC	MISC COMMENT: BEARGRASS SWITCHING COULD NOT CLOSE BREAKERS BY SUPERVISORY CONTROL. HAD OPERATORS CLOSE BG-3862,BG-3863, BG-6656,BG-6623 AND 6651 AT STATION ON LOCAL CONTROL.
11670	11/18/2002	4:46	RLG	MAJ	MAJOR ALARM: SOUTH PARK

REQUEST FOR SHUT-DOWN

DATE 11-04-02

REQUEST NO. 2002-KU-54

LOCATION OF WORK: BEARGRASS SUB AREA

LINE OR APPARATUS WANTED: LINE 3863

SWITCHES TO BE OPENED:@BG: BG-3863 TFR, BG-863 LINE, BG-3863, BG-863
BUS @WS: WS-863 BUS, WS-863 LINE, WS-3863, WS-3862-63 EMERG TIE

LINES TO BE OPENED: LINE 3863

WORK TO START	WORK COMPLETED	
ABOUT: 7:00A.M.	ABOUT: 18:00	Mickey Grisner
WEDNESDAY	FRIDAY	CELL: 551-1416
11-20-02	11-22-02	OFFICE:333-1871
		Signed by: Tom Hines
		RADIO # 392

EXPLAIN CHANGES IN SWITCHING DIAGRAM: NONE

CHARACTER OF WORK: STRINGING FIBER OPTIC CABLE

APPROVED

DATE

NOTIFIED

COPIES TO: Load Dispatcher, Ed Stottman and his group of folks, Paul Gulley, Chris Brown,, Larry Dearing, Ed Staton, David Guy, Charlie Hudson, John Seay, Greg Steinmetz, Tom Hines, Nate Mullins

REQUEST FOR SHUT-DOWN

DATE 11-04-02

REQUEST NO. 2002-KU-53

LOCATION OF WORK: BEARGRASS SUB AREA

LINE OR APPARATUS WANTED: LINE 3862

SWITCHES TO BE OPENED: @BG, BG-3862 TFR, BG-862 LINE, BG-3862, BG-862
BUS @WS, WS-862 BUS, WS-862 LINE, WS-3862, WS-3862-63 EMERG TIE

LINES TO BE OPENED: LINE 3862

WORK TO START	WORK COMPLETED	
ABOUT: 7:00A.M.	ABOUT: 18:00	Mickey Grismer
WEDNESDAY,	FRIDAY	CELL: 551-1416
11-20-02	11-22-02	OFFICE: 333-1871
		Signed by: Tom Hines
		RADIO # 392

EXPLAIN CHANGES IN SWITCHING DIAGRAM: NONE

CHARACTER OF WORK: STRINGING FIBER OPTIC CABLE

APPROVED _____ DATE _____ NOTIFIED _____

COPIES TO: Load Dispatcher, Ed Stottman and his group of folks, Paul Gulley, Chris Brown,, Larry Dearing, Ed Staton,, David Guy, Charlie Hudson, John Seay, Greg Steinmetz, Tom Hines, Nate Mullins

REQUEST FOR SHUT-DOWN

DATE 11-13-02

REQUEST NO. 2002-KU-62

LOCATION OF WORK: BEARGRASS SUBSTATION

LINE OR APPARATUS WANTED: 6623

SWITCHES TO BE OPENED:@MD:MD-623 BUS, MD-6623, MD-6623 BYPASS,
MD-623 LINE, @BG:BG-6623 TFR, BG-623 LINE, BG-6623, BG-623 BUS

LINES TO BE OPENED: LINE 6623

WORK TO START	WORK COMPLETED	
ABOUT: 11:00P.M.	ABOUT: 6:00 A.M.	Mickey Grismer
SATURDAY	MONDAY	CELL: 551-1416
11-16-02	11-18-02	OFFICE:333-1871
		Signed by: Tom Hines
		RADIO # 392

EXPLAIN CHANGES IN SWITCHING DIAGRAM: NONE

CHARACTER OF WORK: INSTALLING FIBER OPTIC

APPROVED

DATE

NOTIFIED

COPIES TO: Load Dispatcher's Bill Price , Ed Stottman and his group of folks,Paul Gulley,Chris Brown,,Larry Dearing,Ed Staton,,David Guy,Charlie Hudson,John Seay, Greg Steinmetz, Tom Hines, Nate Mullins

REQUEST FOR SHUT-DOWN

DATE 11-13-02

REQUEST NO. 2002-KU-63

LOCATION OF WORK: BEARGRASS SUBSTATION

LINE OR APPARATUS WANTED: 6656

SWITCHES TO BE OPENED:@BG; BG-656 BUS, BG-6656, BG-656 LINE, BG-6656
TFR, @BP; BP-656

LINES TO BE OPENED: LINE 6656

WORK TO START	WORK COMPLETED	
ABOUT: 11:00P.M.	ABOUT: 6:00 A.M.	Mickey Grismer
SATURDAY	MONDAY	CELL: 551-1416
11-16-02	11-18-02	OFFICE:333-1871
		Signed by: Tom Hines
		RADIO # 392

EXPLAIN CHANGES IN SWITCHING DIAGRAM: NONE

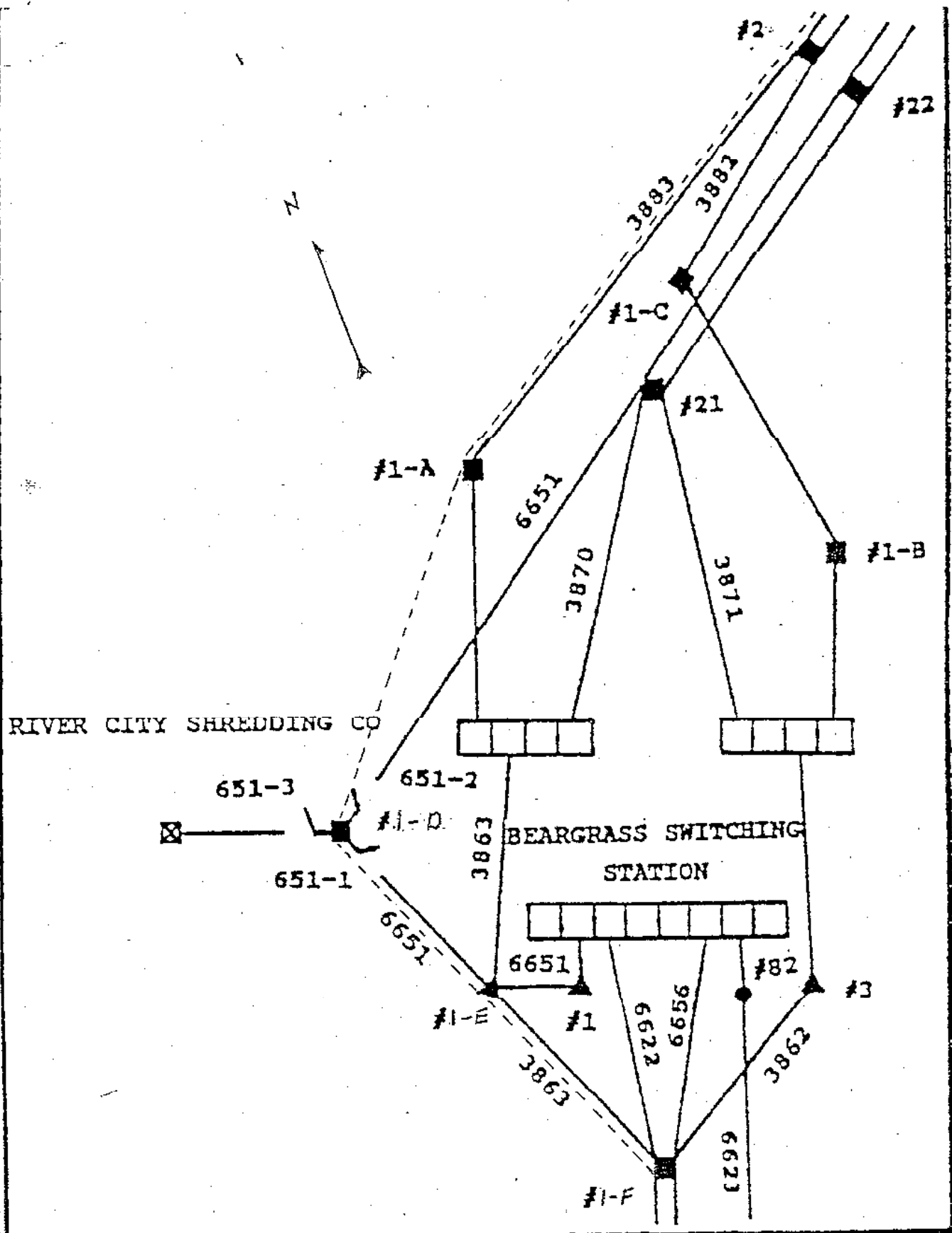
CHARACTER OF WORK: INSTALLING FIBER OPTIC

APPROVED

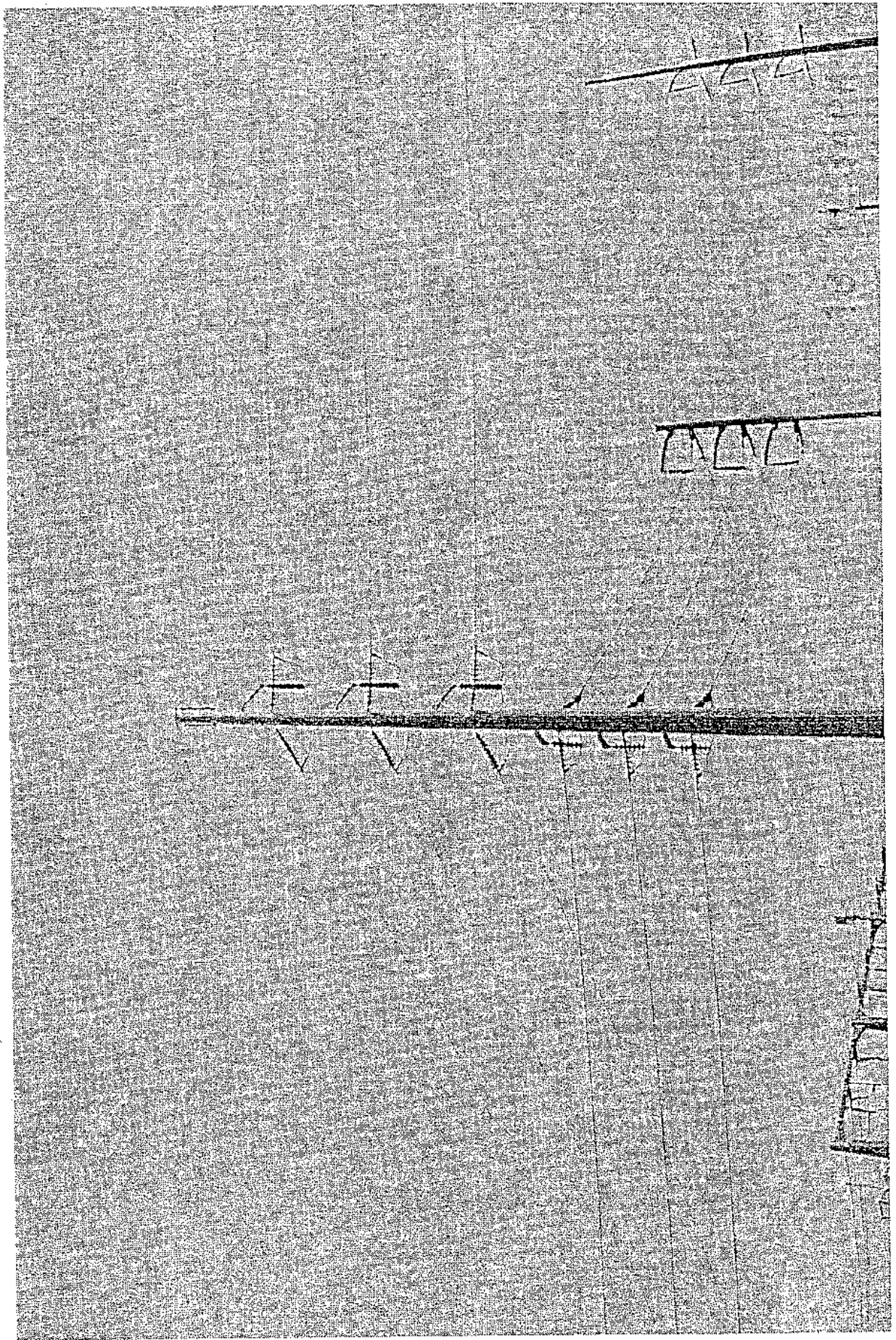
DATE

NOTIFIED

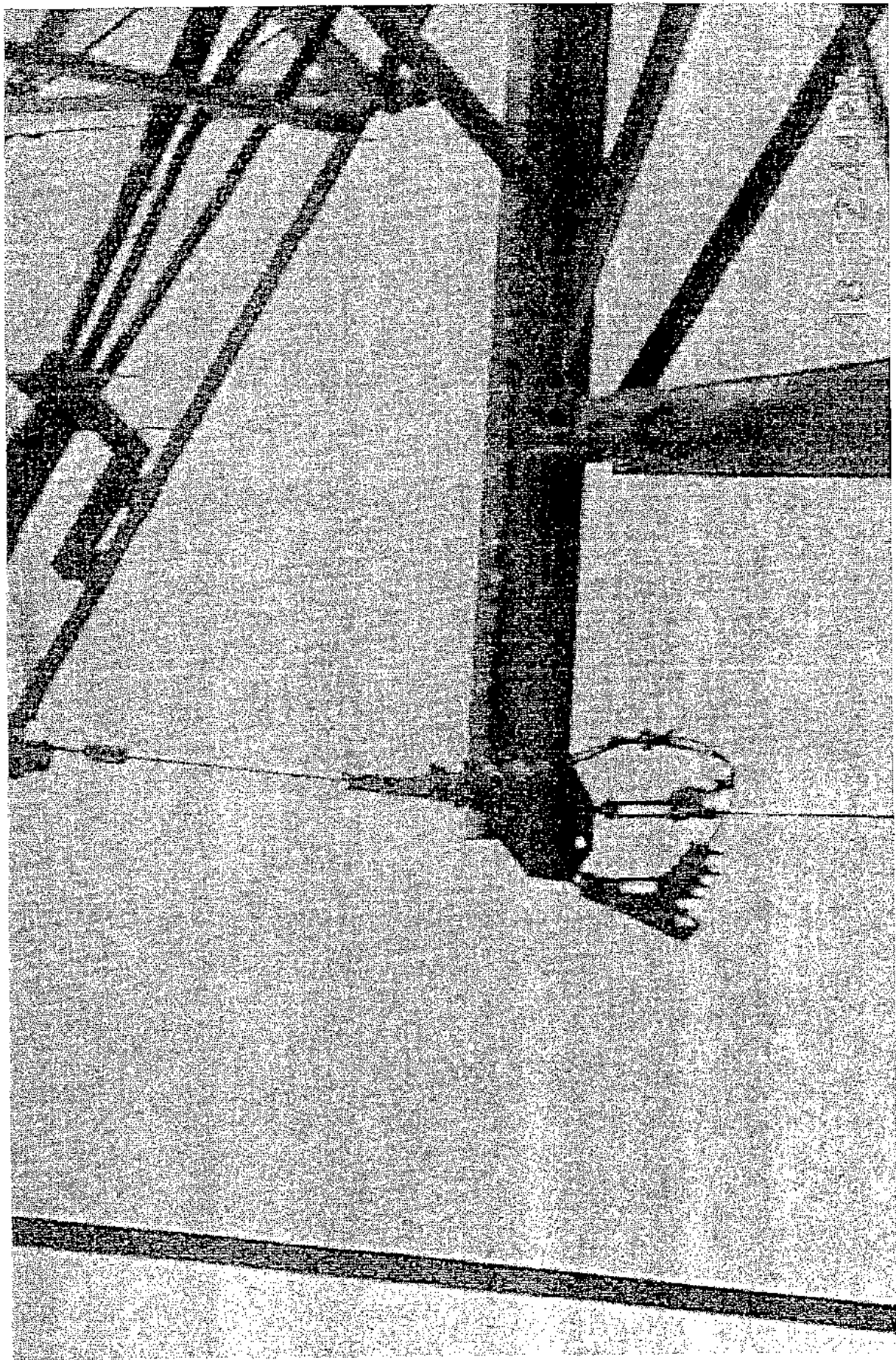
COPIES TO: Load Dispatcher's Bill Price , Ed Stottman and his group of folks,Paul
Gulley,Chris Brown,,Larry Dearing,Ed Staton,,David Guy,Charlie Hudson,John Seay,
Greg Steinmetz, Tom Hines, Nate Mullins

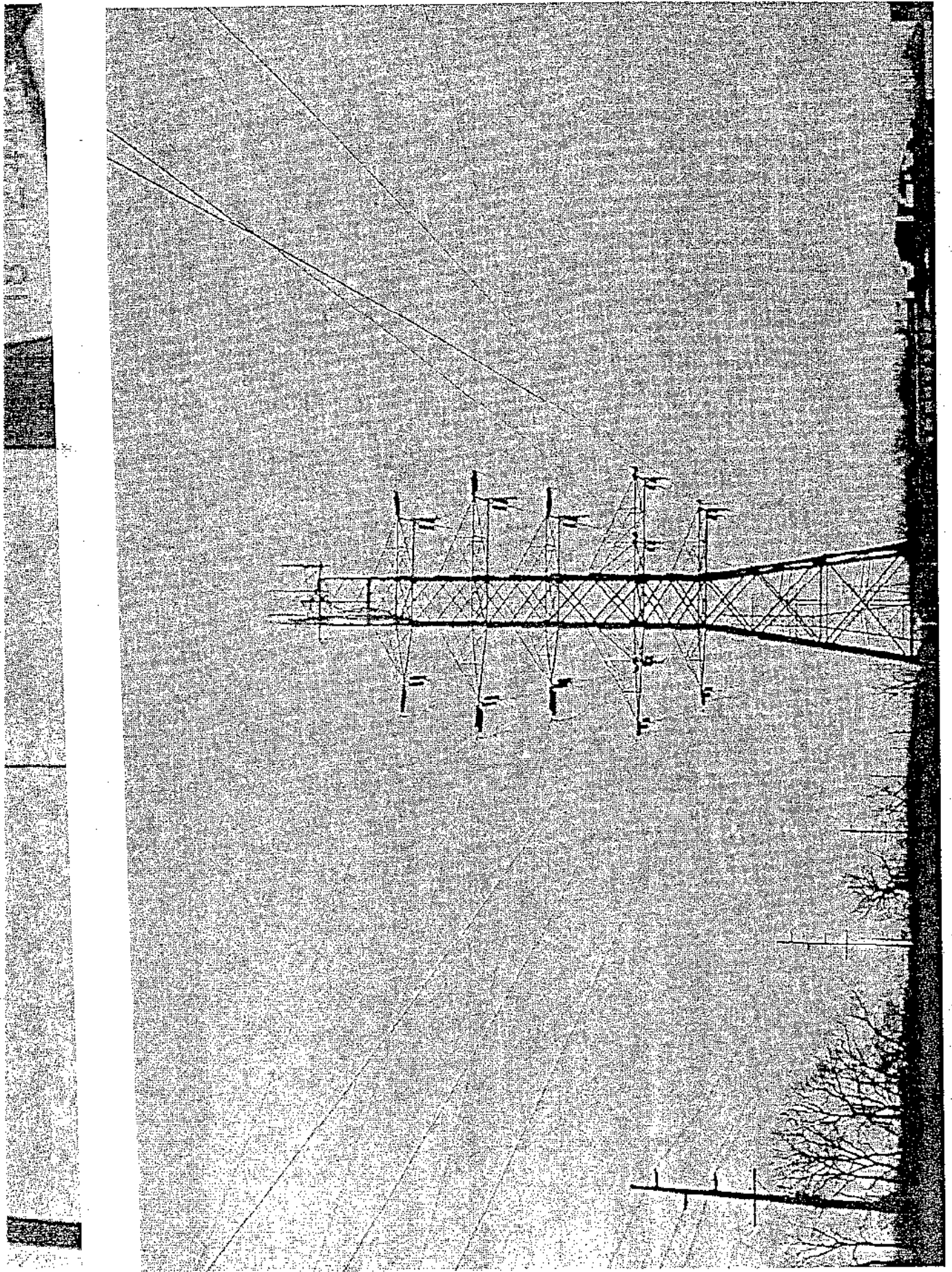


Structure 1E



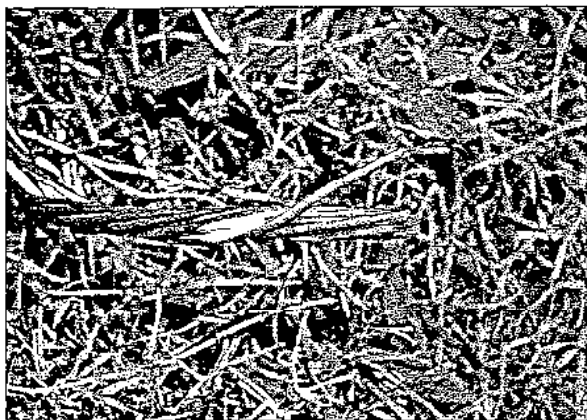
Shoe on structure 1F[#]





Attachment B

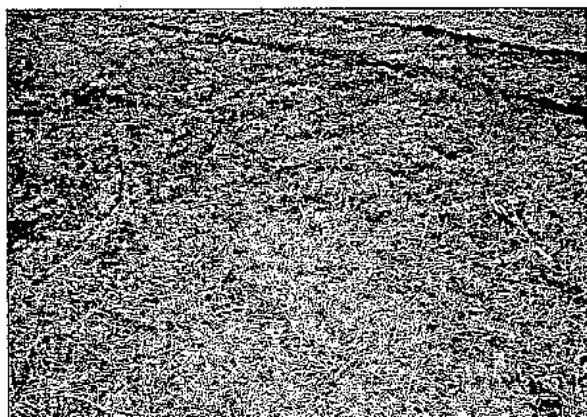
Additional LG & E Photographs of Accident Site



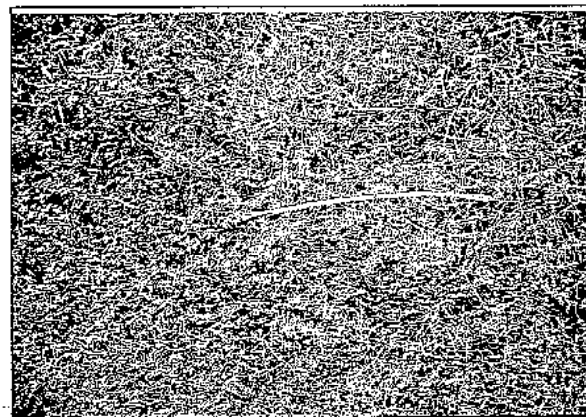
Static Wire after contacting 69kV



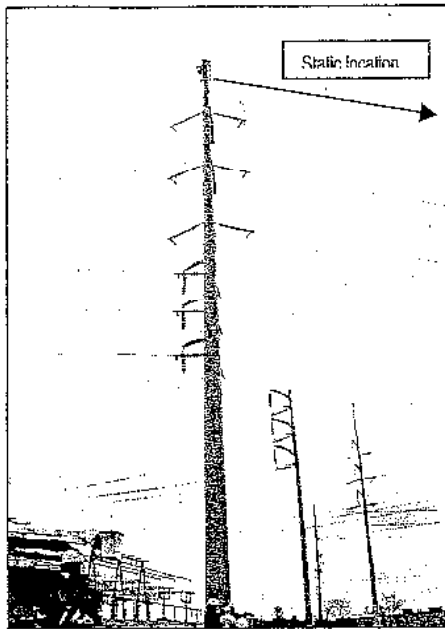
Pieces of static wire after contacting 69kV



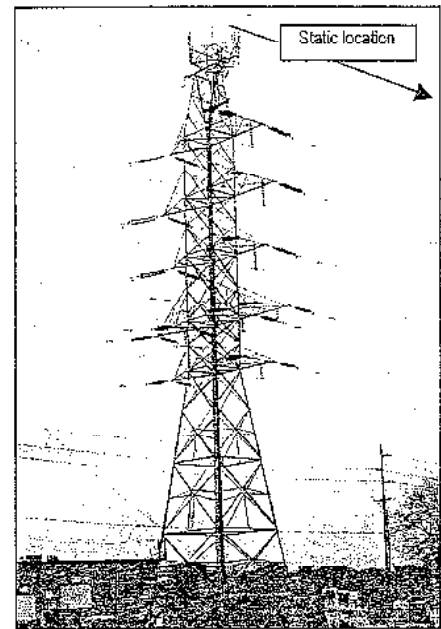
Chain hoist (red item on right) used in lowering static wire



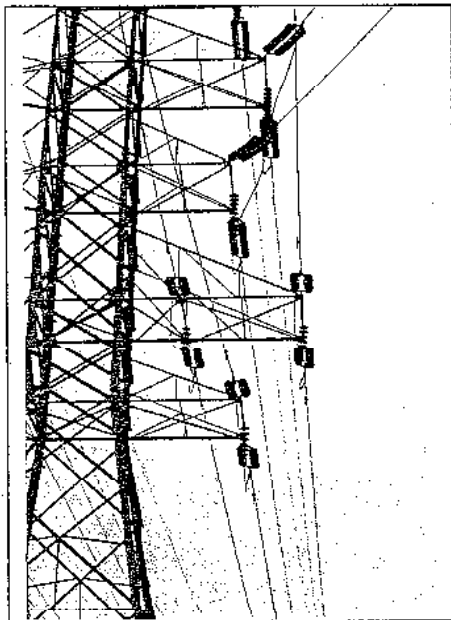
Static wire burned off after contacting 69kV



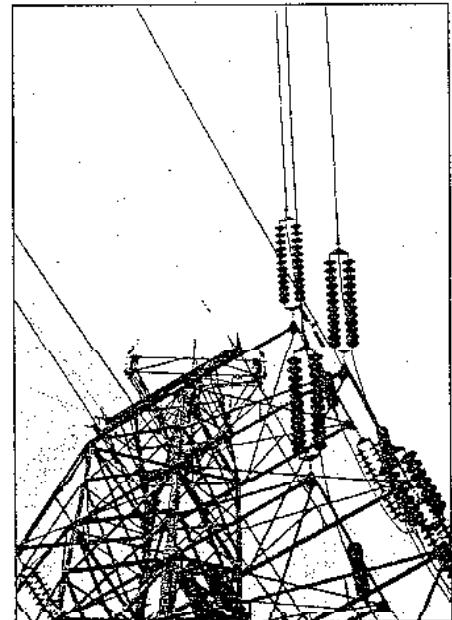
Structure #1-E ~ Steel Pole at Beargrass Switching Station on River Road



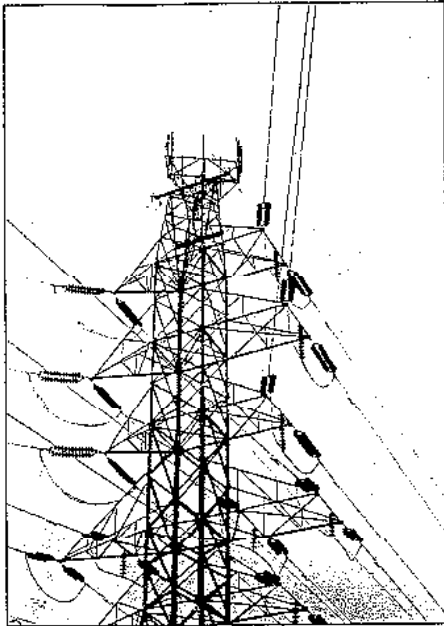
Structure #1-F ~ Transmission tower southeast of #1-E



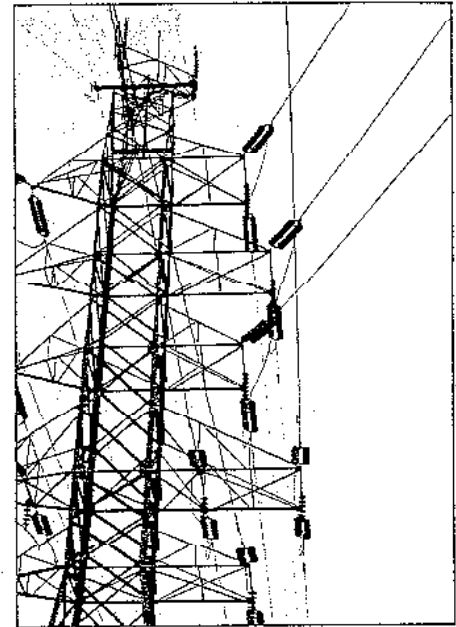
Structure # 1-F ~ Circuit to right was being worked



Structure # 1-F ~ Circuit to right was being worked



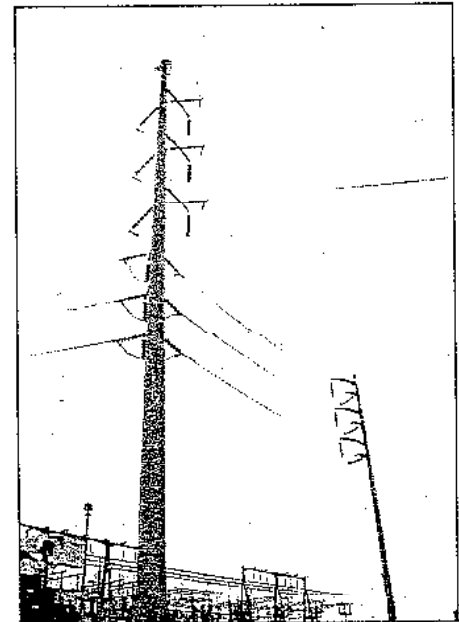
Structure #1-F ~ Alternate view



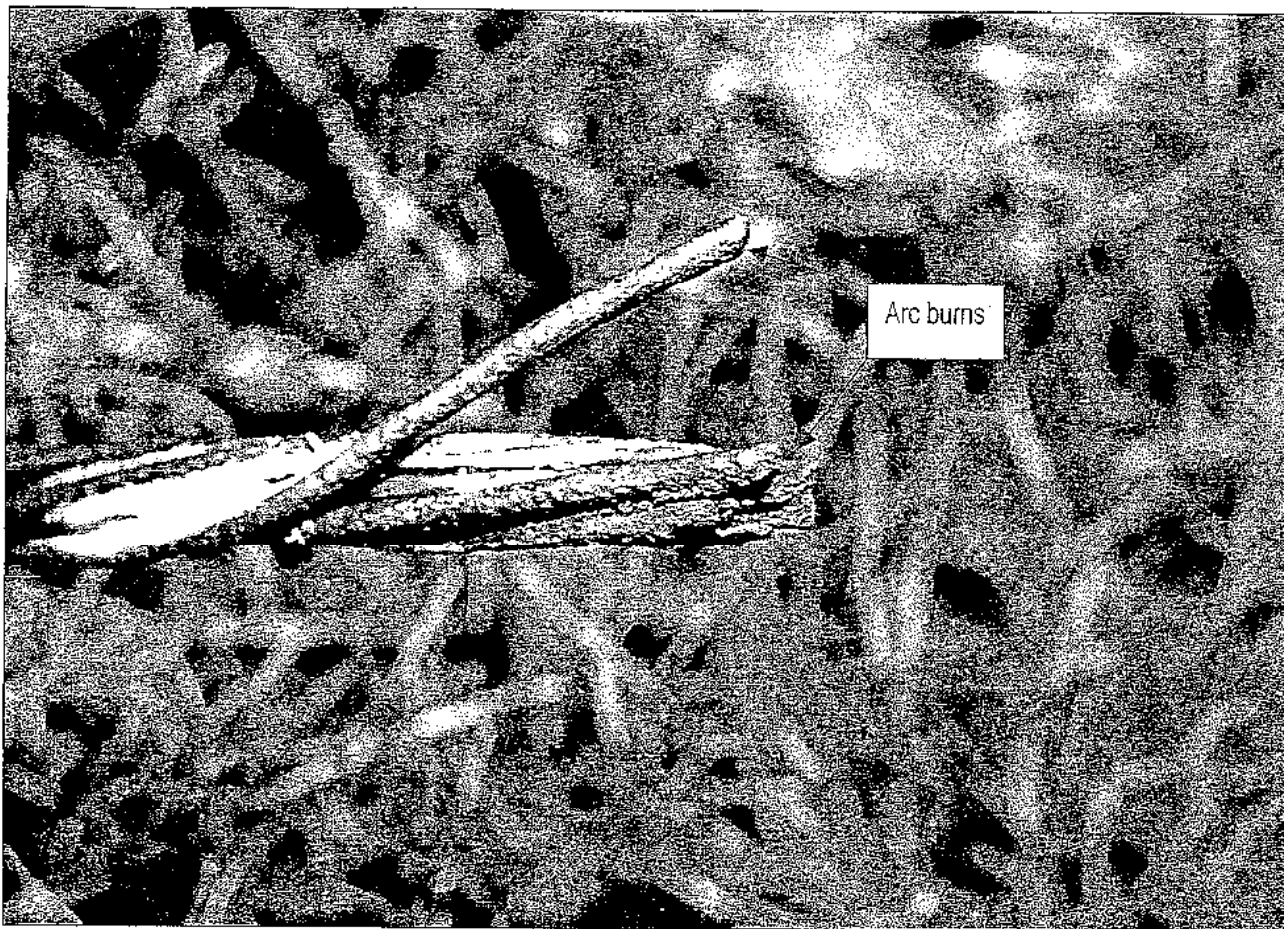
Structure #1-F ~ Alternate view



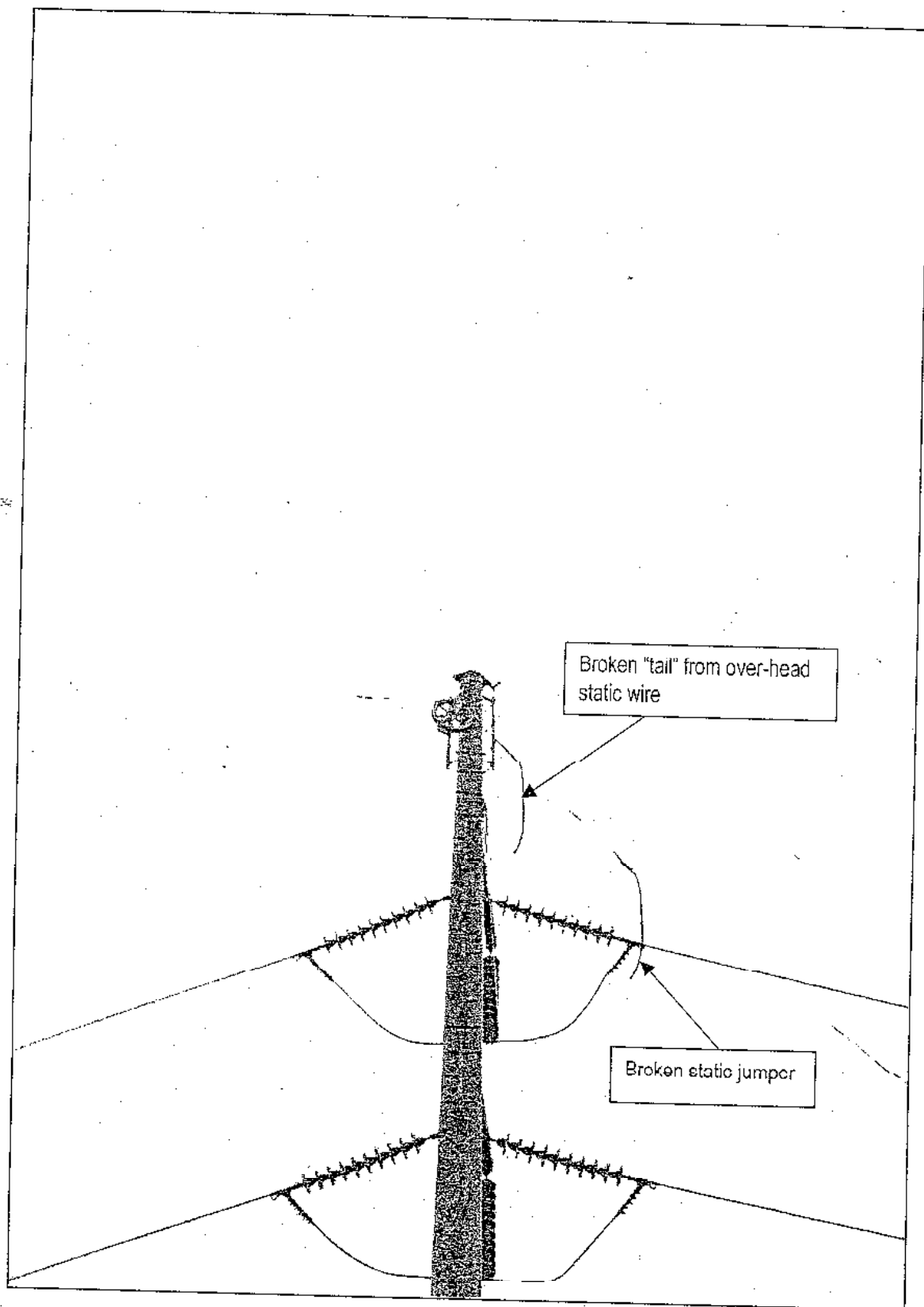
Handline hook used to pull static wire



Structure # 1-E ~ Alternate view



Static Wire after contacting 69Kv



Structure # 1-E ~ Close up showing Static "tail" after breaking